SOS Visual Playlist Editor 5.1.0+ Release Notes

Version 5.1.0

Aug. 25, 2016

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Table of Contents

For detailed information on using the Visual Playlist Editor, please refer to the SOS Visual Playlist Editor Manual (PDF) (also located at: SOS website > Support tab > Manuals menu > Visual Playlist Editor menu item).

This version of the SOS Visual Playlist Editor (VPLE for short) now fully supports the creation of a Presentation Playlist, and allows you to easily switch between Presentation mode (create/edit a playlist of datasets) and Dataset mode (create/edit a dataset). The Presentation mode includes access to all the NOAA-managed and Site-Custom datasets on your SOS computer via a fast database-driven user interface (UI). In addition, a number of enhancements and bug fixes have been made to the Dataset creator that was part of the SOS VPLE Preview Edition released in November 2015.

Release Dates

SOS Visual Playlist Editor 5.1.1 – Released October 4, 2016

SOS Visual Playlist Editor 5.1.0 – Released August 25, 2016

Requirements

The SOS Visual Playlist Editor requires the Ubuntu 16.04 operating system and SOS 5.1.0+.

Installation

This version of the SOS Visual Playlist Editor is automatically installed on your SOS system when you upgrade your SOS software to version 5.1.0+. To open the VPLE, either double click the VPLE icon on the SOS computer's Desktop, or go to the SOS Stream GUI application and select the File menu > Edit Playlists… menu option (the new VPLE replaces the previous text-based Playlist Editor that was accessed from this menu option).

Note: if you've previously installed the SOS 5.1.0 release and would like to install the 5.1.1 Playlist Editor, please enter the following three commands in a terminal:
 wget -nc sos.noaa.gov/ubuntu/PLE_Installer-5.1.1.run -P /tmp
chmod +x /tmp/PLE_Installer-5.1.1.run
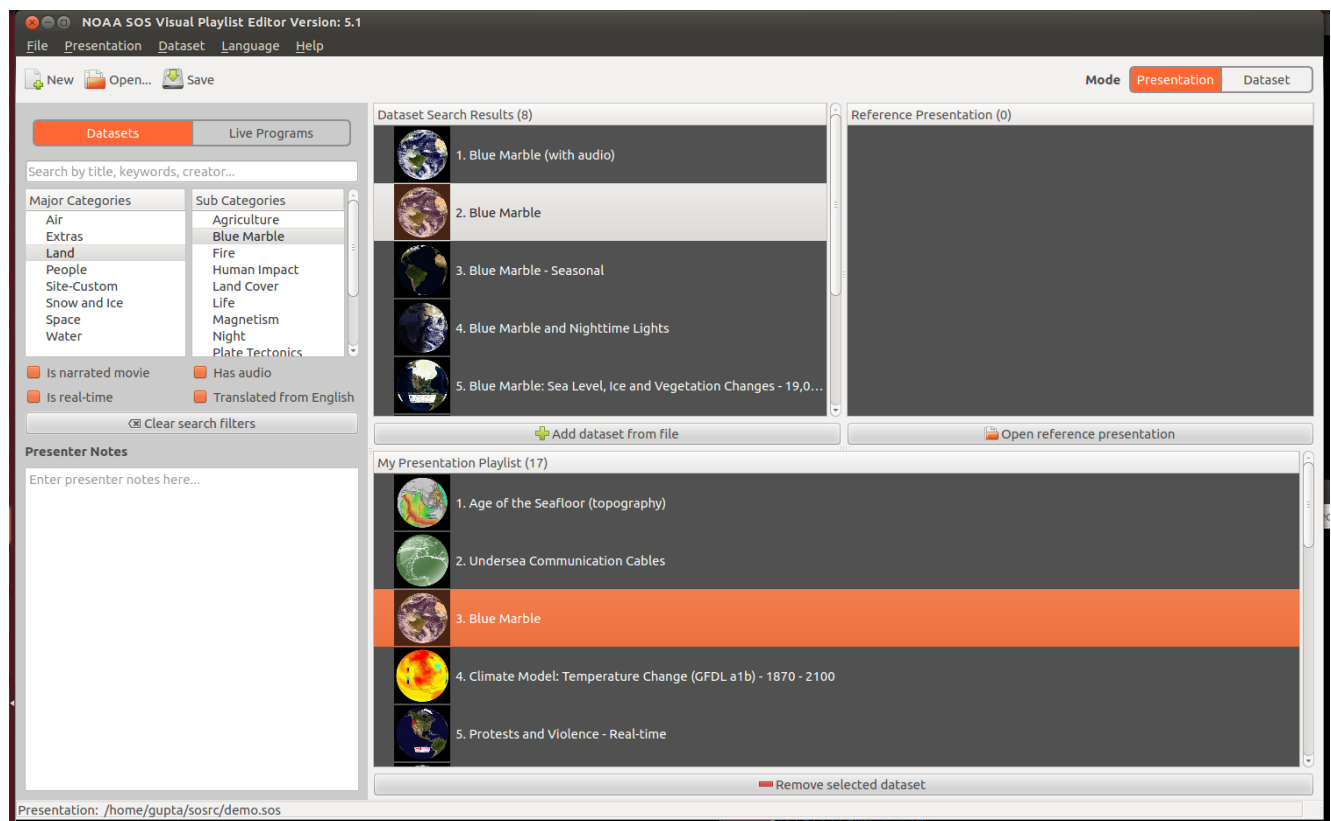/tmp/PLE_Installer-5.1.1.ru

New Features

- **Presentation Playlist**
  The VPLE allows you to easily create a Presentation Playlist when the VPLE is in Presentation mode. A Presentation Playlist is a list of datasets that you put together for a SOS presentation. Datasets can be found from (1) a database-driven set of filters (Major Category, Sub Category, Narrated Movie, Real-Time, etc.) that filters through NOAA-managed and Site-Custom datasets, (2) by opening a reference Presentation Playlist that already exists, (3) or by directly opening a dataset from a file browser.

  The Presentation mode also allows you to pull up Live Programs, as well as type in Presentation Notes, which are readily accessible on the iPad SOS Remote app (see SOS Website > Education > Live Programs for more information).
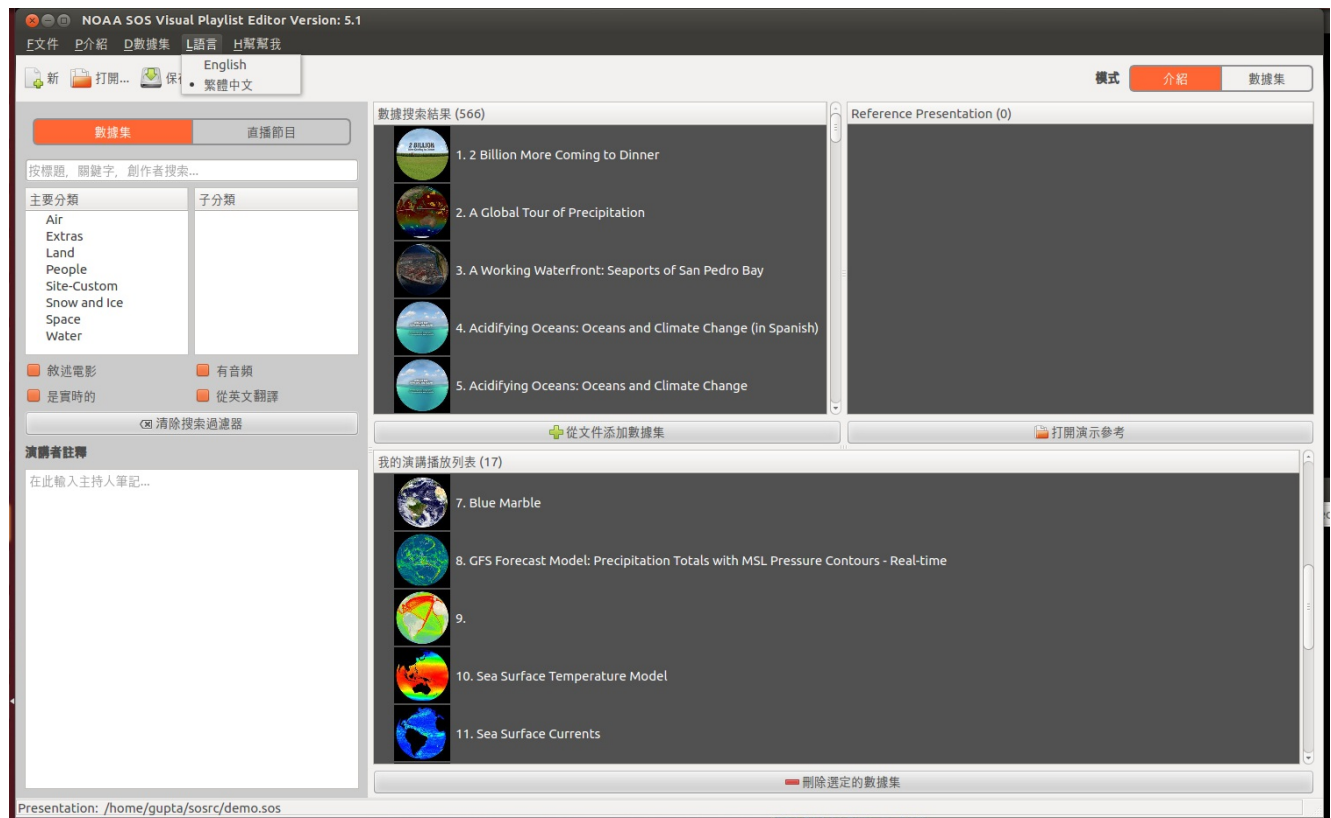
  The Presentation mode, in combination with the Dataset mode, allows you to set overrides to your

Presentation Playlist (for example, if you want to display the Blue Marble dataset with a PIP logo of your site on top of Blue Marble, you don't have to create a whole new dataset for this).

- **Translation Support for the User Interface**
  The VPLE's UI may be localized (i.e. translated) to other languages. Note that the SOS Data Catalog, including datasets, categories, etc., is not shown in non-English languages in version 5.1, but that is planned for a future version. The VPLE UI uses a third-party application called Qt Linguist to assist you in translating from English to other languages. Please see the SOS Translations Guide for more information.

- **Dataset Summary / Presentation Notes Generator**
  This feature allows you to generate a PDF of the Presentation Playlist that has been created in Presentation mode. The summary contains the location of the Presentation Playlist file, a list of each dataset's thumbnail and name, and the Presentation Notes.

Presentation playlist path: /home/gupta/sosrc/demo.sos

1. Age of the Seafloor (topography)

2. Undersea Communication Cables

3. Protests and Violence - Real-time

4. Clouds - Real-time

5. Climate Model: Temperature Change (GFDL a1b) - 1870 - 2100

6. Blue Marble

Enhancements

- Better performance and user interface feedback when loading a dataset that contains a directory of images.

Bug Fixes for Release 5.1.1

- Thumbnails now exported to correct size (128x128 and 800x800).
- Thumbnails read in as non-JPG image types are automatically converted to JPG images when saved.
- Removed extra popup save message when saving a dataset.

Known Bugs / Limitations

- Repeatedly loading a dataset that contains a movie as an mp4 may cause the VPLE to crash.
- Limitations for a dataset that contains a directory of images that may cause a dataset's data to get out of sync during playback:
- Images whose resolution is greater than 4096 in width.
- Frames per second (fps) greater than 25 or 30.
- A dataset with many image directories (for example, image directories specified via many Layers and PIPs) running at high frame rates.